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Dina Plunkett

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard T. DEAN et al. Art Unit: 1811
Serial No.: 08/236,402 Examiner: Davenport
Filed : 02 May 1994
Title : TECHNETIUM-99m LABELED IMAGING AGENTS **RECEIVED**
APR 15 1998

Assistant Commissioner for Patents
Washington, DC 20231
MATRIX CUSTOMER
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AMENDMENT UNDER 37 C.F.R. § 1.111 AND
REQUEST FOR INTERFERENCE UNDER 37 C.F.R. § 1.607

In response to the Office Action of 3 March 1998,
kindly amend the above-identified application as follows:

In the Claims:

Cancel claims 25 through 33, inclusive.
Add the following new claims 34 through 37:

- 34. A peptide comprising
- a biological-function domain which causes the peptide to localize at a target site, and
- a metal ion-binding domain which comprises the sequence Gly-Gly-Z or Gly-Gly-Gly-Z wherein Z is selected from the group consisting of cysteine, homocysteine, isocysteine, penicillamine, 2-mercaptoethylamine, 3-mercaptopropylamine and D-stereoisomers thereof.--

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